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Sub	estitute for form 1449/PTO				Complete if Known
				Application Number	09/509,869-Conf. #1354
IN	IFORMATION	1 DI	SCLOSURE	Filing Date	June 15, 2000
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	Lennart Carlsson
				Art Unit	3764
	(Use as many sh	eets as	s necessary)	Examiner Name	N. D. Lucchesi
Sheet	Sheet 1 of 4		Attorney Docket Number	21547-00268-US	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	AA*	US-4,624,673	11-25-1986	MEYER			
	AB*	US-20020182560	12-05-2002	PARK ET AL.			
	AC*	US-4,863,383	09-05-1989	GRAFELMANN			
	AD*	US-D296362	06-21-1988	BRANEMARK			
	AE*	US-5,902,109	05-11-1999	REAMS, III ET AL.			
	AF*	US-5,269,686	12-14-1993	JAMES			
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶			
	ВА	WO-83/02555	08-04-1983	US MEDICAL CORPORATION					

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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		NON PATENT LITERATURE DOCUMENTS	
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	CA	"ORGAN DER DEUTSCHEN GESELLSCHAFT FUR ZAHNARZTLICHE IMPLANTOLOGIE E.V.", DGZI, 4, ORALE IMPLANTOLOGIE, PAGE 3 AND PAGE 39	
	СВ	RESTORATIVE DENTIST'S MANUAL, BRANEMARK SYSTEM, 015, "THE TREATMENT OF THE EDENTULOUS JAW".	
	СС	NOBEL BIOCARE, BRANEMARK SYSTEM, "IMPLANT PLACEMENT PROCEDURE", MK, IV Ø 4 MM RP IMPLANT, DRILLING PROCEDURE FOR MK IV Ø 4 MM RP IMPLANT, PAGES 39-40, NOBEL BIOCARE AB, BOX 5190, SE-402 26 GOTEBORG, SWEDEN., WWW.NOBELBIOCARE.COM	
	CD	VAN NOSTRAND'S SCIENTIFIC ENCYCLOPEDIA, D.VAN NOSTRAND COMPANY INC., PRINCETON, NEW JERSEY, THIRD EDITION, 017, "SCREW PROPELLER - SCROTUM, PAGE 1468.	
	CE	TMS LINK/TMS LINK PLUS, "RETENTION PINS, FOR PERMANENT RETENTION IN THE MOST DEMANDING INDICATIONS", COLTENE WHALEDENT, TMS LINK/TMS LINK PLUS: "IT'S THE DETAILS THAT MAKE THE DIFFERENCE", TMS LINK/TMS LINK PLUS: "FOR VARIOUS INDICATIONS IN ANTERIOR AND POSTERIOR TEETH", COMPREHENSIVE: "FOUR PIN SIZES EACH WITH A CORRESPONDING KODEX DRILL".	
	CF	PER ASTRAND, ET AL., 'TAPERED IMPLANTS IN JAWS WITH SOFT BONE QUALITY: A CLINICAL AND RADIOGRAPHIC 1-YEAR STUDY OF THE BRANEMARK SYSTEM MARK IV FIXTURE", PAGES 213-218.	
	CG	BERTIL FRIBERG, ET AL., "ONE-YEAR PROSPECTIVE THREE-CENTER STUDY COMPARING THE OUTCOME OF A "SOFT BONE IMPLANT" (PROTOTYPE MK IV) AND THE STANDARD BRANEMARK IMPLANT", PAGES 71- 77, 2003, BC DECKER INC.	
	СН	CAROLINE MCCARTHY, ET AL, "SINUS AUGMENTATION BONE GRAFDTS FOR THE PROVISION OF DENTAL IMPLANTS: REPORT OF CLINICAL OUTCOME", THE INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, PAGES 377- 382, VOLUME 18, NUMBER 3, 2003.	
	CI	LEONARDO VANDEN BOGAERDE, ET AL., "EARLY FUNCTION OF SPLINTED IMPLANTS IN MAXILLAS AND POSTERIOR MANDIBLES USING BRANEMARK SYSTEM, "MACHINED-SURFACE IMPLANTS: AN 18-MONTH PROSPECTIVE CLINICAL MULTICENTER STUDY", PAGES 21- 28, CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 5, SUPPLEMENT 1, 2003	
	CJ	ROLAND GLAUSER, ET AL, "IMMEDIATE OCCLUSAL LOADING OF BRANEMARK TIUNITE™ IMPLANTS PLACED PREDOMINANTLY IN SOFT BONE: 1-YEAR RESULTS OF A PROSPECTIVE CLINICAL STUDY", PAGES 47-56, 2003, BC DECKER INC.	

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	СК	MORGAN OLLSSOM, ET AL., "EARLY LOADING OF MAXILLARY FIXED CROSS-ARCH DENTAL PROSTHESES SUPPORTED BY SIX OR EIGHT OXIDIZED TITANIUM IMPLANTS: RESULTS AFTER 1 YEAR OF LOADING, CASE SERIES", PAGES 81-87, 2003 BC DECKER INC., CLINICAL IMPLANT DENISTRY AND RELATED RESEARCH, VOLUME 5, SUPPLEMENT 1, 2003	
	CL	ANTONIO ROCCI, ET AL., "HISTOLOGY OF RETRIEVED IMMEDIATELY AND EARLY LOADED OXIDIZED IMPLANTS: LIGHT MICROSCOPIC OBSERVATIONS AFTER 5 TO 9 MONTHS OF LOADING IN THE POSTERIOR MANDIBLE", PAGES 88-98, 2003 BC DECKER INC., CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VLOUME 5, SUPPLEMENT 1, 2003.	
	СМ	ROLAND GLAUSER, ET AL, "IMMEDIATE OCCLUSAL LOADING OF BRANEMARK MKIV TIUNITE™ IMPPLANTS PLACED IN BONE QUALITY TYPE 4", UNIVERSTIY OF ZURICH, DENTAL SCHOOL, SWITZERLAND, DEPARTMENT OF BIOMATERIALS, INSTITUTE OF SURGICAL SCIENCES, GOTEBORG UNIVERSITY, GOTHENBURG, SWEDEN, PAGES 22 AND 24, APPLIED OSSEOINTEGRATION RESEARCH, VOLUME 3, NOVEMBER 1, 2002.	
	CN	DOMINIC O'SULLIVAN, ET AL., "MEASUREMENTS COMPARING THE INITIAL STABILITY OF FIVE DESIGNS OF DENTAL IMPLANTS: A HUMAN CADAVER STUDY", PAGES 85-92, 2000 B.C. DECKER INC., CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, VOLUME 2, NUMBER 1, 2000.	
	со	#49, JOVANOVIC SA, ET AL."SINUS BONE GRAFTS WITH TAPERED MACHINED SURFACED TITANIUM (MK IV) DENTAL IMPLANTS: 1-YEAR CLINICAL FOLLOW-UP", CLINICAL ORAL IMPLANT., RES. 12, 2001, VOLUME 405, PAGE 393	
	СР	PHILIPPE ADRIAENSSENS, ET AL., "IMMEDIATE IMPLANT FUNCTION IN THE ANTERIOR MAXILLA: A SURGICAL TECHNIQUE TO ENHANCE PRIMARY STABILITY FOR BRANEMARK MK III AND MK IV IMPLANTS", A RANDOMISED, PROSPECTIVE CLINICAL STUDY AT THE 1-YEAR FOLLOW-UP, PAGES 17-21, APPLIED OSSEONTEGRATION RESEARCH, VOLUME 2, NUMBER 1, 2001.	
	CQ	ANTONIO ROCCI, ET AL., "IMMEDIATE FUNCTION OF SINGLE AND PARTIAL RECONSTRUCTIONS IN THE MAXILLA USING MK IV FIXTURES", A RETROSPECTIVE ANALYSIS, PAGES 22-26, APPLIED OSSEOINTEGRATION RESEARCH, VOLUME 2, NUMBER 1, 2001.	

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	CR	ROLAND GLAUSER, ET AL., "INITIAL IMPLANT STABILITY USING DIFFERENT IMPLANT DESIGNS AND SURGICAL TECHNIQUES." A COMPARATIVE CLINICAL STUDY USING INSERTION TORQUE AND RESONANCE FREQUENCY ANALYSIS, UNIVERSITY OF ZURICH, DENTAL SCHOOL, SWITZERLAND, DEPT OF BIOMATERIALS/HANDICAP RESEARCH, UNIVERSITY IF GOTHENBURG, SWEDEN, PAGES 6-8, APPLIED OSSEOINTEGRATION RESEARCH, VOLUME 2, NUMBER 1, 2001, 02 8375.	
	cs	KATSUHIRO HORIUCHI, ET AL., "ANTEROINFERIOR DISTRACTION OF THE ATROPHIC SUBTOTAL MAXILLARY ALVEOLUS FOR IMPLANT PLACEMENT: A CASE REPORT", PAGES 416-423, VOLUME 17, NUYMBER 3, 2002.	
	СТ	M. TOMATIS, ET AL., "IMMEDIATE LOADING OF BRANEMARK IMPLANTS WITH TWO DIFFERENT SURFACES", PRIVATE PRACTICE, BOLOGNA ITALY, NOBEL BIOCARE AB, GOTHENBURG, SWEDEN, #78.	
	CU	GUIDO HEYDECKE, ET AL., "EVOLUTION AND USE OF ALUMINUM OXIDE SINGLE-TOOTH IMPLANT ABUTMENTS: A SHORT REVIEW AND PRESENTATION OF TWO CASES", PAGES 488- 493, THE INTERNATIONAL JOURNAL OF PROSTHODONTICS, VOLUME 15, NUMBER 5, 2002.	
	CV	THOMAS J. BALSHI, ET AL., "IMMEDIATE LOADING OF DENTAL IMPLAMTS IN THE EDENTULOUS MAXILLA: CASE STUDY OF A UNIQUE PROTOCAL", PAGES 37-46, VOLUME 23, NUMBER 1, 2003, 03 8985.	
	cw	PAULO MALO, ET AL., "A PILOT STUDY OF COMPLETE EDENTULOUS REHABILITATION WITH IMMEDIATE FUNCTION USING A NEW IMPLANT DESIGN: CASE SERIES", PAGES 223-232, CLINICAL IMPLANT DENTISTRY AND RESEARCH, VOLUME 8, NUMBER 4, 2006.	
	сх	B. AL-NAWAS, ET AL., "COMPARATIVE HISTOMORPHOMETRY AND RESONANCE FREQUENCY ANALYSIS OF IMPLANTS WITH MODERATELY ROUGH SURFACES IN A LOADED ANIMAL MODEL", PAGES 1-8, THE AUTHORS JOURNAL COMPILATION 2007 BLACKWELL MUNKSGAARD.	
	CY	PAUL P. LANG, ET AL., "MAXILLARY ZIRCONIA IMPLANT FIXED PARTIAL DENTURES OPPOSING AN ACRYLIC RESIN IMPLANT FIXED COMPLETE DENTURE: A TWO-YEAR CLINICAL REPORT", PAGES 321-330, THE JOURNAL OF PROSTHETIC DENTISTRY, VOLUME 97, ISSUE 6	

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